

Monday, April 10, 2017 1:47:43 PM

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[illegible]

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

Work Order ID 159393

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159393

Page 2

Item ID: D212-580-043

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Led Pulse Light

Start Date: 4/11/2017 Start Qty: 4.00

4

Cust Item ID:

Required Date: 4/19/2017 Req'd Qty: 4.00

4

Customer:

Reference: SCHEDULED

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Pick Kit

0.00

130

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPPD212-580-043
Location: FG0184x **DAS 28 9-89** APR 21 2017

140

QC21- Final Inspection - Work Order Release

0.10

140

QC

Memo

0.40

Quality Control

17/4/21  APR 21 2017

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WORK ORDER NON-CONFORMANCE / UPDATE

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								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								

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Work Order ID: 159393

159393

Parent Item: D212-580-043

D212-580-043

Parent Item Name: Led Pulse Light

Start Date: 4/11/2017

Required Date: 4/19/2017

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP REV:A NEW ISSUE 10-05-11 JLM VERIFIED BY:DD IPP
rev:B 10.10.12 AS PER ECN10-618 DD VERF:JLM IPP rev:C
10.11.22 AS PER ECN10-642 DD VERF:JLM IPP rev:D 10.12.16
AS PER ECN10-658 DD VERF:EC IPP rev:E 11.03.31 added
D4377-1 DD VERF:EC IPP REV:F 12.02.24 as per DSI9596
rev a DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
1-206062-4 *1-206062-4* Contacts, Sockets (P1000)		Purchased	No			110	Each	25.0000	4	16		APR 21 2017	
					<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					st574			11					
					m134762			1					
					m135529			10					
					ST576			14					
					m135998			4					
					m136295			10					
1210/2405-2A *1210/2405-2A* PULSE LIGHT MODULE		Purchased	No			110	Each	8.0000	1	4		APR 21 2017	
					<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					ST540			8					
					154424			6					
					m134455			2					
205838-1 *205838-1* CONNECTOR, PLUG (P3)		Purchased	No			110	Each	8.0000	1	4		APR 21 2017	
					<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					ST576			8					
					M134905			3					
					M137113			5					

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								Completed By	
				Lead hand / Supervisor Approval Verification					
				QC / QA Coordinator Approval					

Root Cause				FAULT CATEGORY			
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong		
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions		
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance		
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect		
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing		
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved		
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing		
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish		
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread		
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence		
Past Expiry Date ☐	☐ Manufacturing Process	OTHER : _____					
Misidentified ☐	☐ Past Due						

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Work Order ID: 159393

159393

Parent Item: D212-580-043

D212-580-043

Parent Item Name: Led Pulse Light

Start Date: 4/11/2017

Required Date: 4/19/2017

Start Qty: 4.00

Required Qty: 4.00

206458-1 Purchased No

110 Each 6.0000

1 4

APR 21 2017

206458-1

FEED-THRU-RECEPTACLE (J2/J3)

**

DAS 6 27 9-89

DAS 28 9-89

Location

Loc Qty

Loc Code

ST576

6

M135532

5

M135548

1

3
7

206460-1 Purchased No

110 Each 13.0000

1 4

APR 21 2017

206460-1

CONNECTOR, PLUG (P2)

**

DAS 6 27 9-89

DAS 28 9-89

Location

Loc Qty

Loc Code

ST576

13

M134076

1

M136837

12

1
3

206485-1 Purchased No

110 Each 14.0000

1 4

APR 21 2017

206485-1

CONNECTOR, PLUG (J1000)

**

DAS 6 27 9-89

DAS 28 9-89

Location

Loc Qty

Loc Code

ST576

14

M134512

2

M135529

6

M135998

6

2
4

206486-2 Purchased No

110 Each 17.0000

1 4

APR 21 2017

206486-2

Connector, Socket (J1000)

**

DAS 6 27 9-89

DAS 28 9-89

Location

Loc Qty

Loc Code

ST576

17

m135529

6

m135998

11

4

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DQA: _____ Date: _____



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Description Work Order Deviation				Disposition					
				Completed By					
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Root Cause				FAULT CATEGORY							
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐
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Past Expiry Date	☐	Manufacturing Process	☐	OTHER : _____							
Misidentified	☐	Past Due	☐								

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Work Order ID: 159393

159393

Parent Item: D212-580-043

D212-580-043

Parent Item Name: Led Pulse Light

Start Date: 4/11/2017

Required Date: 4/19/2017

Start Qty: 4.00

Required Qty: 4.00

AN3-7A

Purchased

No

110

Each

266.0000

4 16

AN3-7A

Bolt

**

DAS 27 9-89
APR 21 2017

DAS 28 9-89

Location

Loc Qty

Loc Code

over003

250

m137164

250

ST349

16

m135058

16

AN4-17A

Purchased

No

110

Each

212.0000

2 8

AN4-17A

Bolt

**

DAS 27 9-89
APR 21 2017

DAS 28 9-89

Location

Loc Qty

Loc Code

over003

150

M136983

50

M137073

100

ST343

62

M136406

12

M136787

50

AN525-832R10

Purchased

No

110

Each

64.0000

4 16

AN525-832R10

SCREW

**

DAS 27 9-89
APR 21 2017

DAS 28 9-89

Location

Loc Qty

Loc Code

ST328

64

m134754

64

D4078-1

Manufactured

No

110

Each

10.0000

2 8

D4078-1

Clamp Half

**

DAS 27 9-89
APR 21 2017

DAS 28 9-89

Location

Loc Qty

Loc Code

ST077

10

144751

2

153802

8

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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Misidentified ☐	Past Due ☐																																																																

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Page 4

Work Order ID: 159393

159393

Parent Item: D212-580-043

D212-580-043

Parent Item Name: Led Pulse Light

Start Date: 4/11/2017

Required Date: 4/19/2017

Start Qty: 4.00

Required Qty: 4.00

D4079-1
D4079-1
Clamp Half, Attachment

Manufactured No

110 Each

14.0000

2 8

**

DAS
6
9-89

APR 21 2017

DAS
27
9-89

Location

Loc Qty

Loc Code

ST078

14

144778

2

153837

8

158507

4

D4081-1
D4081-1
Bushing

Manufactured No

110 Each

31.0000

2 8

**

DAS
6
9-89

APR 21 2017

DAS
27
9-89

Location

Loc Qty

Loc Code

ST078

31

145591

11

156901

20

D4377-1
D4377-1
Placard

Manufactured No

110 Each

11.0000

1 4

**

DAS
6
9-89

APR 21 2017

DAS
27
9-89

Location

Loc Qty

Loc Code

ST095

11

150076

11

9/7/2017

EWLA1000DBDS0W

Purchased

No

110 Each

16.0000

2 8

**

DAS
6
9-89

APR 21 2017

DAS
27
9-89

FWI A1000DBDS0W
LED Light

Location

Loc Qty

Loc Code

ST540

16

149486

6

156739

10

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Root Cause		FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : ☐			

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Work Order ID: 159393

159393

Parent Item: D212-580-043

D212-580-043

Parent Item Name: Led Pulse Light

Start Date: 4/11/2017

Required Date: 4/19/2017

Start Qty: 4.00

Required Qty: 4.00

M39029/63-368

Purchased

No

110

Each

207.0000

30

120

M39029/63-368

CONTACTS, SOCKETS (P1000)

DAS
28
9-89

Location

Loc Qty

Loc Code

ST566

207

M136295

47

M136909

60

M137192

100

**

DAS
6
9-89

APR 21 2017

DAS
27
9-89

M39029/64-369

Purchased

No

110

Each

91.0000

10

40

M39029/64-369

Connector, Pins (J1000)

DAS
28
9-89

Location

Loc Qty

Loc Code

ST566

91

m135529

11

m136909

30

m137192

50

**

DAS
6
9-89

APR 21 2017

DAS
27
9-89

MS21042L04

Purchased

No

110

Each

161.0000

4

16

MS21042L04

NUT

DAS
28
9-89

Location

Loc Qty

Loc Code

ST303

161

125653

51

M129682

10

m135766

100

**

DAS
6
9-89

APR 21 2017

DAS
27
9-89

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DQA: _____ Date: _____



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Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

Picklist Print

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Work Order ID: 159393

159393

Parent Item: D212-580-043

D212-580-043

Parent Item Name: Led Pulse Light

Start Date: 4/11/2017

Required Date: 4/19/2017

Start Qty: 4.00

Required Qty: 4.00

MS21042L08

Purchased

No

110

Each

436.0000

4

16

MS21042L08

Nut

Location

Loc Qty

Loc Code

GA

394

m135274

18

m135978

376

ST303

42

m137061

42

**

DAS

APR 21 2017

DAS
27
9-89

DAS
28
9-89

137320

MS21042L3

Purchased

No

110

Each

1,640.000

7

28

MS21042L3

Nut

Location

Loc Qty

Loc Code

FP001

100

m135945

100

GA

204

m134360

102

M136665

102

OVER007

800

m134360

0

M136665

300

m137166

500

ST303

536

m137073

536

**

DAS

APR 21 2017

DAS
27
9-89

DAS
28
9-89

28

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

Picklist Print

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Work Order ID: 159393

159393

Parent Item: D212-580-043

D212-580-043

Parent Item Name: Led Pulse Light

Start Date: 4/11/2017

Required Date: 4/19/2017

Start Qty: 4.00

Required Qty: 4.00

MS21042L4

Purchased

No

110

Each

1,057.000

2

8

MS21042L4

Nut

**

DAS
6
9-89

APR 21 2017
DAS
27
9-89

Location

Loc Qty

Loc Code

FP001

10

m133363

10

GA

154

m135058

154

ST303

893

m136838

2

m136986

391

m137166

500

8

DAS
28
9-89

MS22073-3

Purchased

No

110

Each

8.0000

1

4

MS22073-3

CIRCUIT BREAKER

**

DAS
6
9-89

APR 21 2017
DAS
27
9-89

Location

Loc Qty

Loc Code

ST290

8

m135297

3

m136835

5

3

DAS
28
9-89

MS24524-21

Purchased

No

110

Each

5.0000

1

4

MS24524-21

SWITCH (ON-OFF-ON)

**

DAS
6
9-89

APR 21 2017
DAS
27
9-89

Location

Loc Qty

Loc Code

ST290

5

m136909

1

m137192

4

✓

DAS
28
9-89

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Shop Packet Print

Page 7

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		OTHER : _____					
FAULT CATEGORY Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐									

Picklist Print

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Page 8

Work Order ID: 159393

159393

Parent Item: D212-580-043

D212-580-043

Parent Item Name: Led Pulse Light

Start Date: 4/11/2017

Required Date: 4/19/2017

Start Qty: 4.00

Required Qty: 4.00

MS26574-3

Purchased

No

110

Each

4.0000

1 4

MS26574-3

CIRCUIT BREAKER

**

DAS
28
9-89

Location

Loc Qty

Loc Code

ST281

4

m136318

4

MS35206-217

Purchased

No

110

Each

908.0000

4 16

MS35206-217

SCREW

**

DAS
28
9-89

Location

Loc Qty

Loc Code

ST272

908

m133799

908

NAS1149D0363J

Purchased

No

110

Each

1,086.000

8 32

NAS1149D0363.J

Washer

**

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

54

m134055

54

ST260a

100

m137061

100

ST263

932

m137164

932

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Shop Packet Print

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																																																										
Description Work Order Deviation				Disposition				Completed By																																																									
								Lead hand / Supervisor Approval Verification																																																									
								QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER :			
Misidentified ☐	Past Due ☐																																																																

Picklist Print

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Work Order ID: 159393

159393

Parent Item: D212-580-043

D212-580-043

Parent Item Name: Led Pulse Light

Start Date: 4/11/2017

Required Date: 4/19/2017

Start Qty: 4.00

Required Qty: 4.00

NAS1149D0463J

Purchased

No

110

Each

1,560.000

4

16

NAS1149D0463.J

Washer

**

DAS
6
9-89

DAS
27
9-89

APR 21 2017

Location

Loc Qty

Loc Code

GA

48

M135056

48

ST260a

600

M137166

600

ST263

912

M136983

912

16

NAS1149DN432J

Purchased

No

110

Each

118.0000

8

32

NAS1149DN432.J

WASHER

**

DAS
6
9-89

DAS
27
9-89

APR 21 2017

Location

Loc Qty

Loc Code

ST265

118

m129682

118

32

NAS1149DN816J

Purchased

No

110

Each

88.0000

8

32

NAS1149DN816.J

WASHER

**

DAS
6
9-89

DAS
27
9-89

APR 21 2017

Location

Loc Qty

Loc Code

ST264

88

m128057

88

32

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment ☐		No Re-verification ☐		Pressure/Forced ☐		Temperature/Cure ☐	
Design ☐		Operator ☐		Bending ☐		Set-up ☐	
Doc/Data ☐		Offset/Setup ☐		Centre Not Concentric ☐		BOM/Route ☐	
Equip/Tooling ☐		Supplier ☐		Cracks ☐		Broken/Damage/Defect ☐	
Handling/Pre ☐		Training ☐		Crimp/Kink/Ripple/Wave ☐		Inspection Incomplete/Unqualified ☐	
Material ☐		Use for Testing ☐		Cuffs ☐		Contamination ☐	
Internal Transport ☐		Poor Information ☐		Crushing ☐		Countersink ☐	
Tribal Knowledge ☐		Rushing ☐		Heat Treat ☐		Cut Too Short ☐	
LOA ☐		Product Improvement ☐		Wave/Twist in Tube ☐		Instructions Incomplete/Unclear ☐	
Substation ☐		Process Improvement ☐		Marks/Chatter ☐		Drill Holes ☐	
Past Expiry Date ☐		Manufacturing Process ☐		OTHER : _____			
Misidentified ☐		Past Due ☐					

Work Order ID 159393

159393

Page 1

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Item ID: D212-580-043 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Led Pulse Light
 Start Date: 4/11/2017 Start Qty: 4.00 *4* Cust Item ID:
 Required Date: 4/19/2017 Req'd Qty: 4.00 *4* Customer:
 Reference: SCHEDULED
 Approvals: Process Plan: _____ Date: APR 19 2017 Tooling: _____ Date: _____
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____
 Run Start *NR1*
 Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr	APR 20 2017							
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPPD212-580-043 CHG001								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.03							
120									
QC	Memo	0.12							
Quality Control									

CB

4

APR 21 2017

7.0 PARTS LIST

Qty	Part Number	Description
X	D212-580-043	LED Pulse Light Kit
2	EWLA1000DBDS0W	LED Light
2	D4078-1	Clamp Half
2	D4079-1	Clamp Half, Attachment
2	D4081-1	Bushing
1	MS26574-3	Circuit Breaker
1	MS22073-3	Circuit Breaker
1	MS24524-21	Switch (On-Off-On)
1	1210/2405-2A	Pulse Light Module
1	206486-2	Connector, Socket (J1)
1	206485-1	Connector, Plug (P1)
1	206458-1	Feed-thru, Receptacle (J2/J3)
1	206460-1	Connector, Plug (P2)
1	205838-1	Connector, Plug (P3)
10	M39029/64-369	Contacts, Pins (J1)
30	M39029/63-368	Contacts, Sockets (P1/P2/P3)
4	1-206062-4	Connector Backshell
2	AN4-17A	Bolt
4	AN3-7A	Bolt
2	MS21042L4	Nut
7	MS21042L3	Nut
4	NAS1149D0463J	Washer
8	NAS1149D0363J	Washer
4	AN525-832R10	Screw
4	MS21042L08	Nut
8	NAS1149DN816J	Washer
4	MS35206-217	Screw
4	MS21042L04	Nut
8	NAS1149DN432J	Washer
1	D4377-1	Placard

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Revision: D
Date: 12.06.13